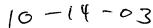


Intellectual Property Law



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Commissioner for Patents PO Box 1450 Alexandria VA 22313-1450 October 6, 2003

Art Unit 1754

Examiner: Wright, William G.

Re:

Application of Joseph Pugach et al Application Number 09/997,617

Filed 11/29/2001

"Conversion of CO to CO2"

Sir:

This is in response to the Official Action of August 22, 2003.

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## **Amendments**

Please amend claims 1 and 12 as follows:

- 1. (Currently Amended) Method of oxidizing CO in a mixture of gases including oxygen and at least 65% hydrogen comprising passing said mixture of gases through a catalyst bed comprising a catalyst made by (a) preparing an aqueous iron/gold solution comprising an iron source and a gold source (b) gradually combining said iron/gold solution with an aqueous solution of an alkali metal base to maintain a pH of 7 to 9 in the combined solution as the solutions are combined, thereby producing solids in said combined solution [(d)] (c) separating said solids from said combined solution [(e)] (d) washing said solids, [(f)] (e) drying said solids, [(g)] (f) grinding said solids to a size range of 0.85mm to 4.25mm, [and (h)] (g) calcining said solids, and (h) activating said solids.
- 12. (Currently Amended) Method of oxidizing CO in a mixture of gases including oxygen and at least 65% hydrogen and wherein said CO is present in an amount from 200ppm to 20,000ppm, said gas also containing methane, comprising passing said mixture of gases through a catalyst bed comprising a particulate catalyst made by (a) preparing an aqueous iron/gold solution comprising an iron source and a gold source (b) gradually combining said iron/gold solution with

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